

Product datasheet for **KN210378RB**

BDKRB2 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: RFP-BSD

Symbol: BDKRB2

Locus ID: 624

Components: **KN210378G1**, BDKRB2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN210378G2, BDKRB2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN210378RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.
GE100003, scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

RefSeq: [NM_000623](#)

UniProt ID: [P30411](#)

Synonyms: B2R; BK-2; BK2; BKR2; BRB2

Summary: This gene encodes a receptor for bradykinin. The 9 aa bradykinin peptide elicits many responses including vasodilation, edema, smooth muscle spasm and pain fiber stimulation. Bradykinin is released upon activation by pathophysiological conditions such as trauma and inflammation, and binds to its kinin receptors, B1 and B2. The B2 receptor associates with G proteins that stimulate a phosphatidylinositol-calcium second messenger system. [provided by RefSeq, Apr 2020]



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Product images:

